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FIG. 1

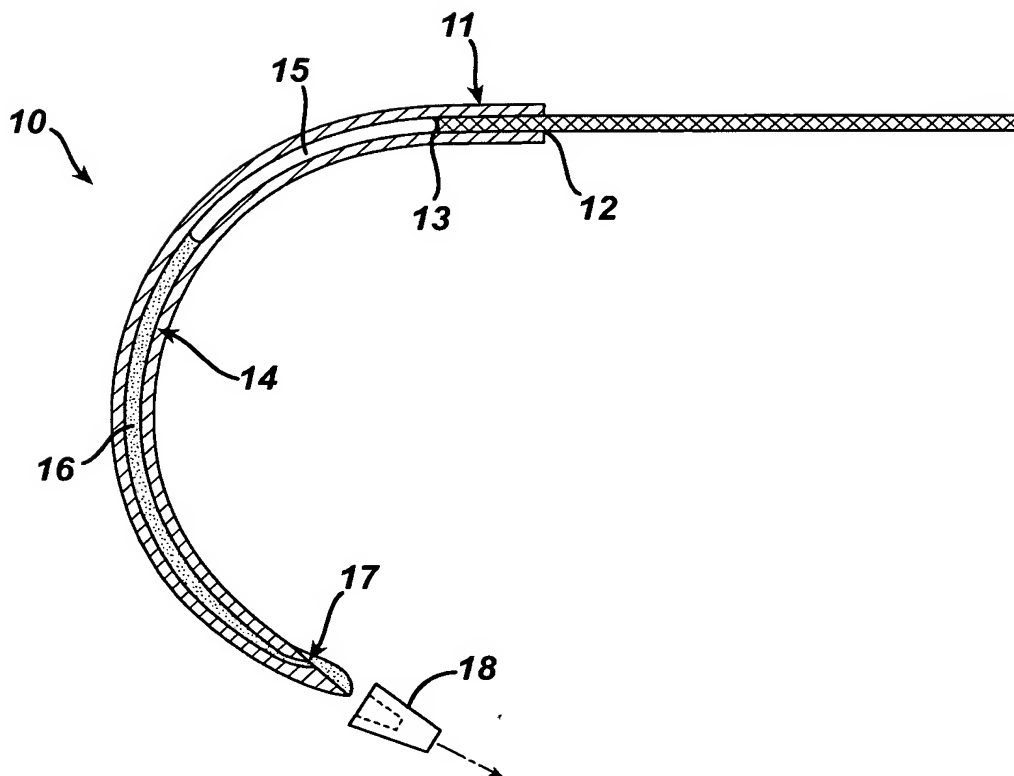
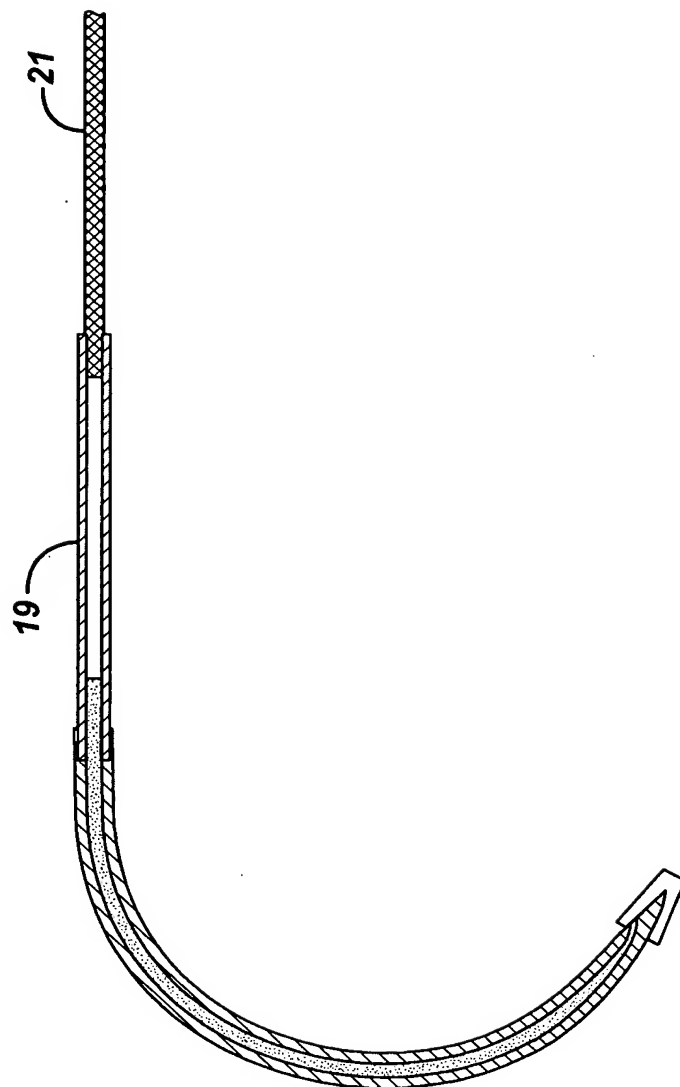


FIG. 2A



TITLE: FLUID EMITTING SUTURE NEEDLE
FIRST NAMED INVENTOR: Frank Richard Cichocki, Jr.
APP#: 10/674,332
ATTY: B. E. Loo TEL. #: 732-524-1596
DOCKET #: ETH-5091 CUST. #: 000027777

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FIG. 2B

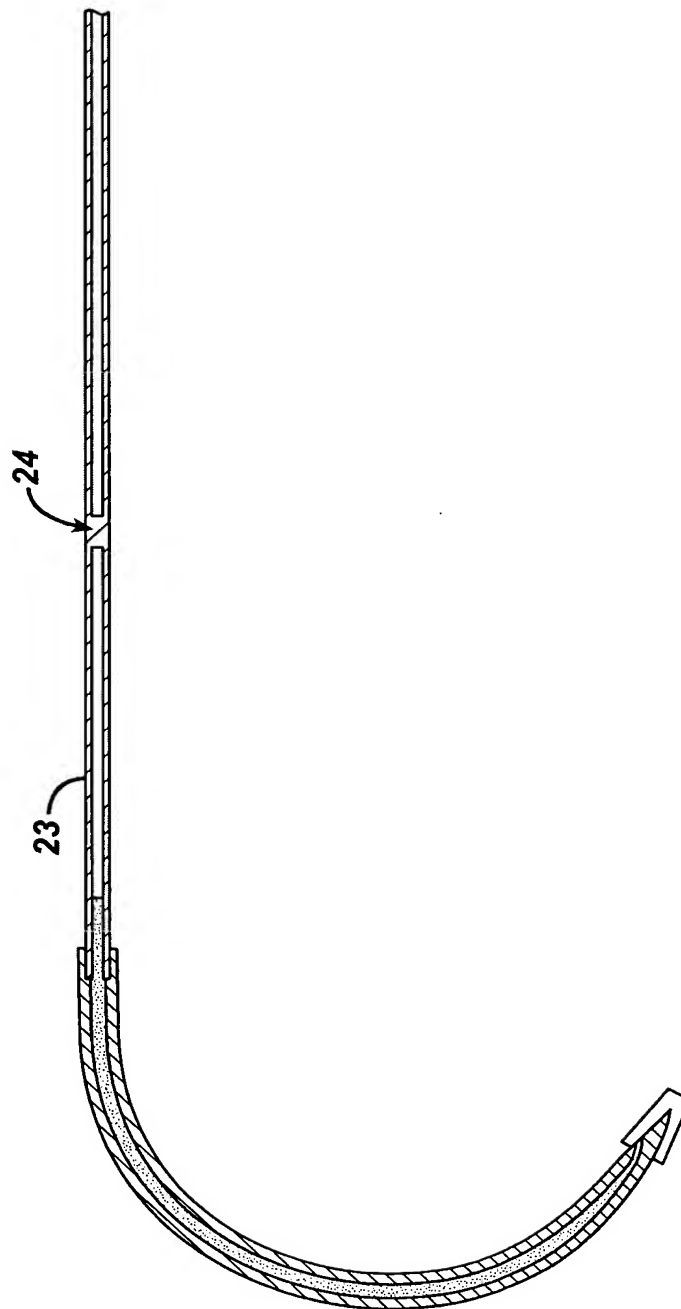
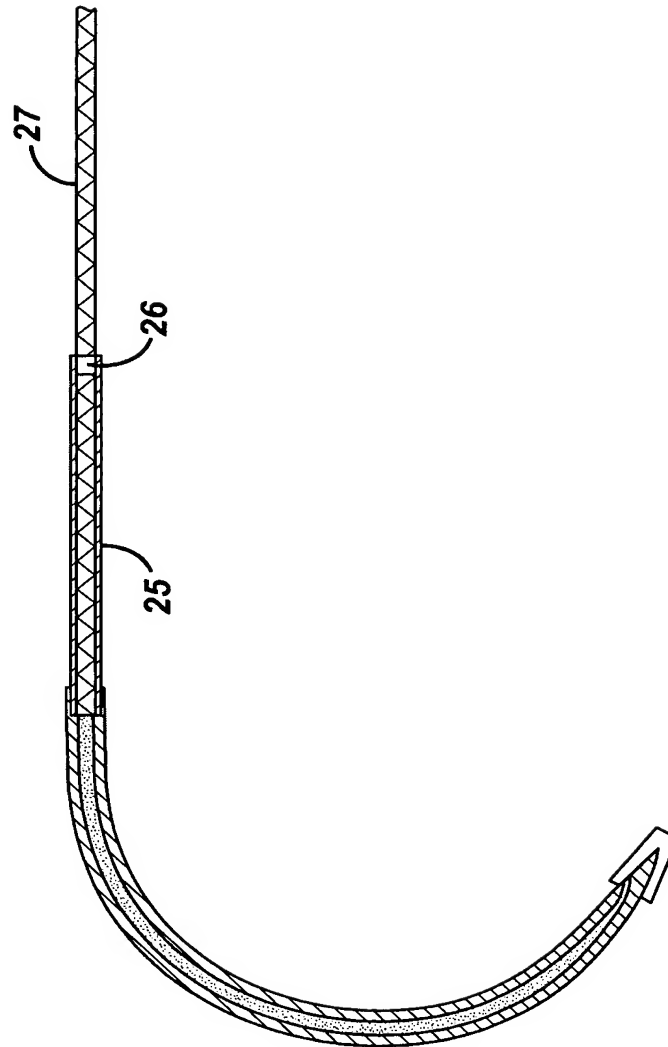
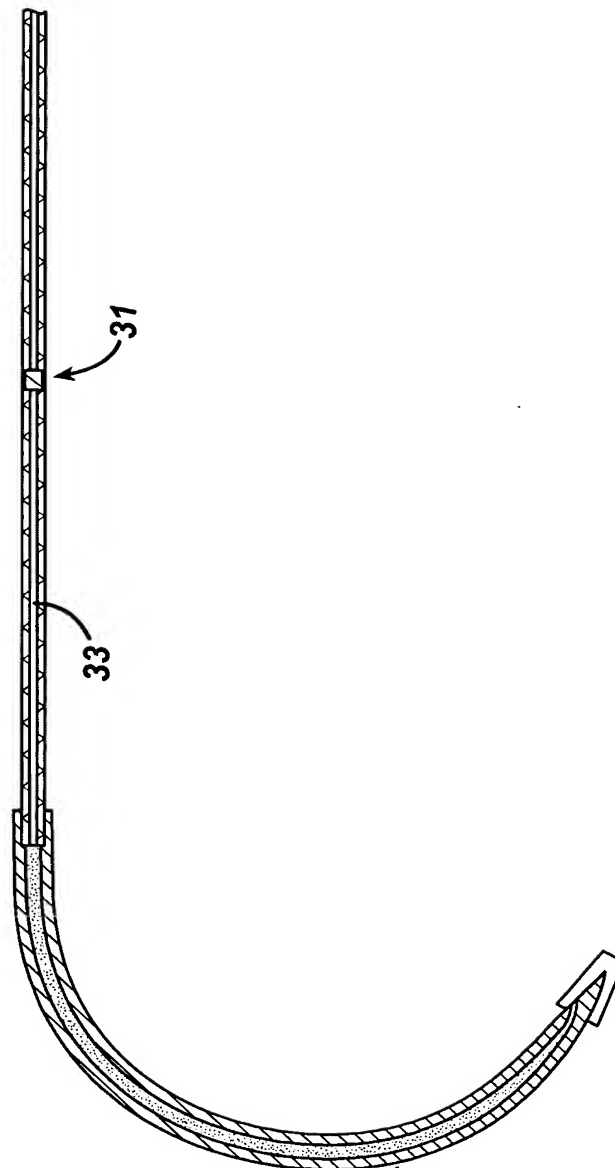


FIG. 2C



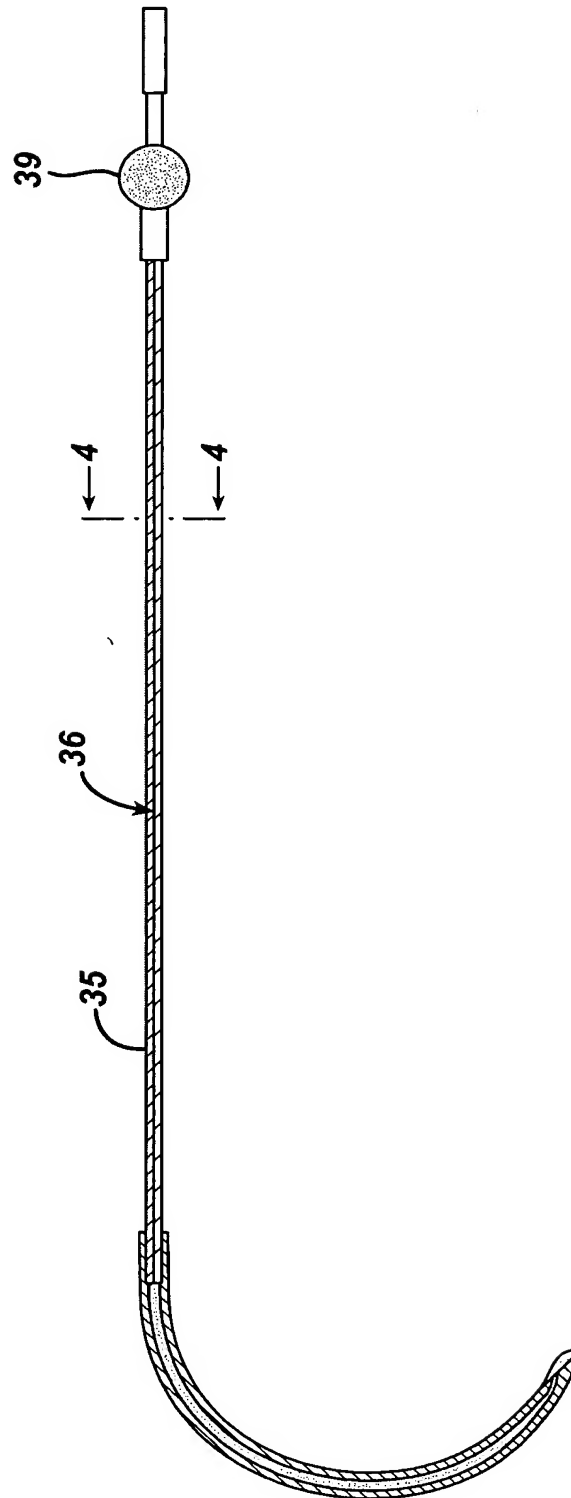
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FIG. 2D



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FIG. 3



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FIG. 4A

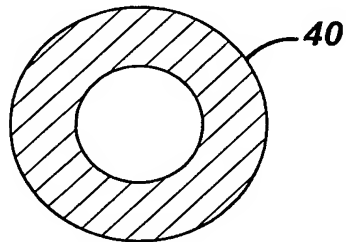


FIG. 4B

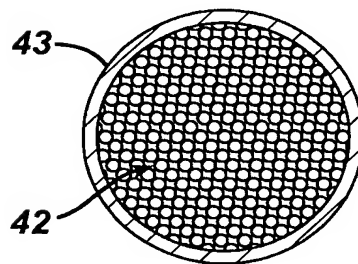


FIG. 4C

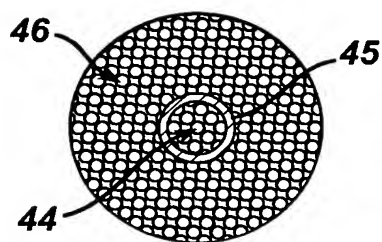
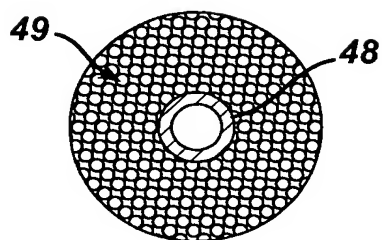


FIG. 4D



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FIG. 5A

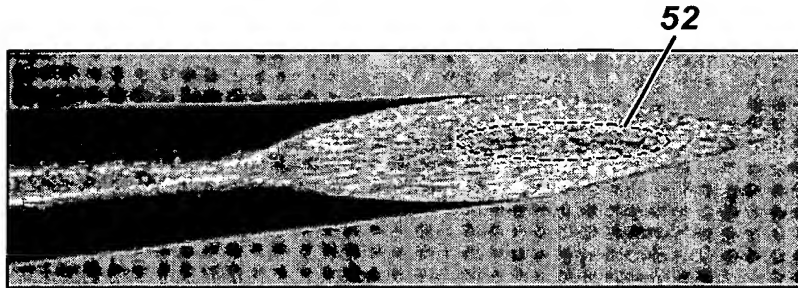


FIG. 5B

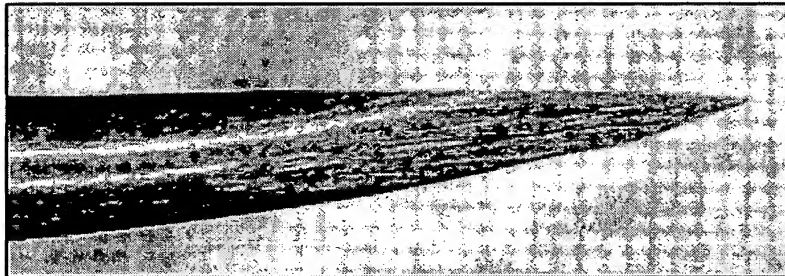
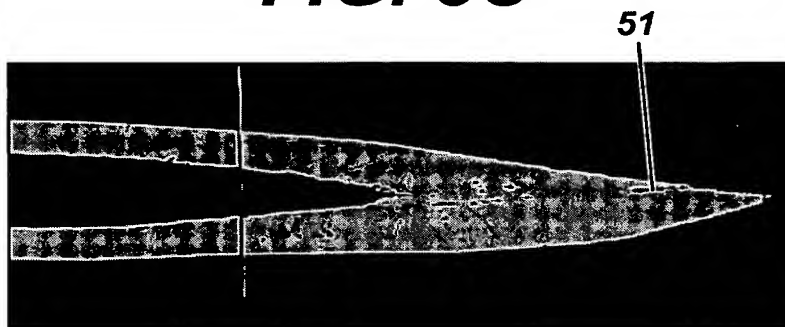


FIG. 5C



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FIG. 6A

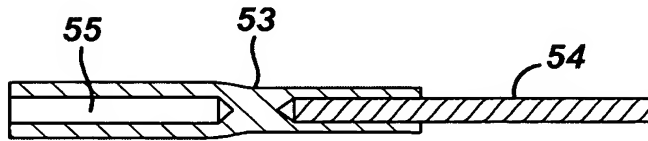


FIG. 6B

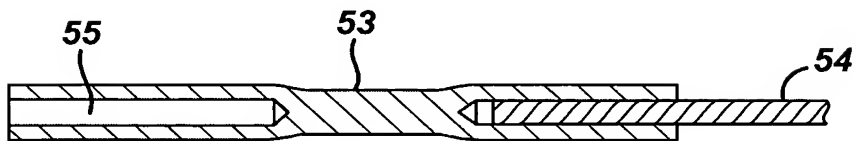


FIG. 6C

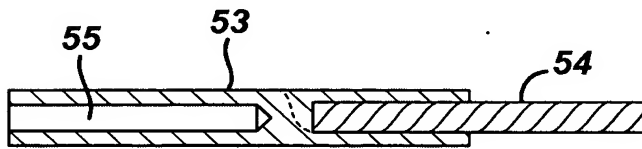


FIG. 6D

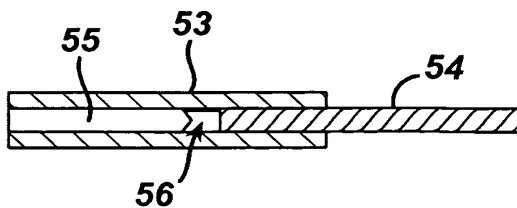
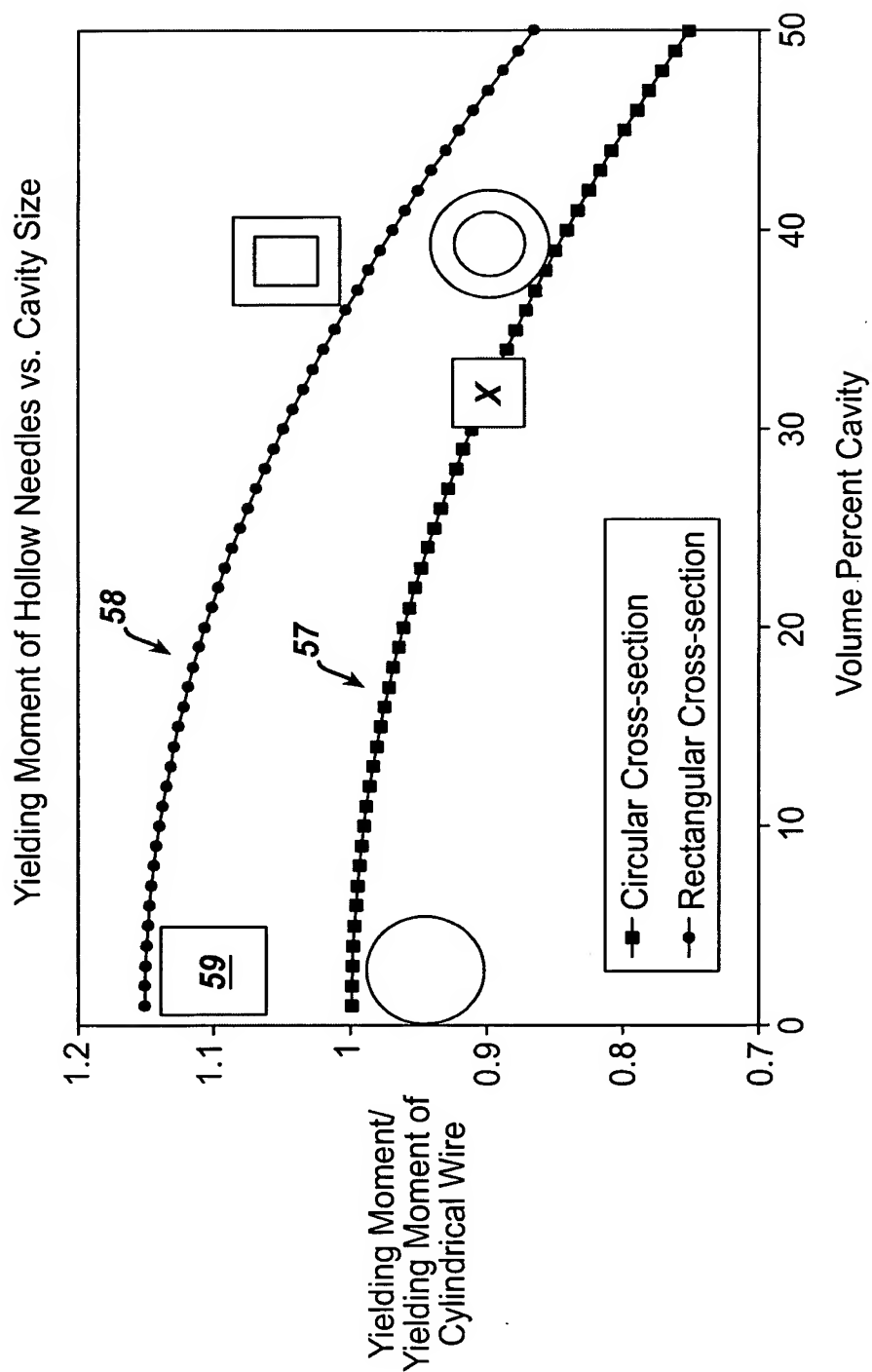
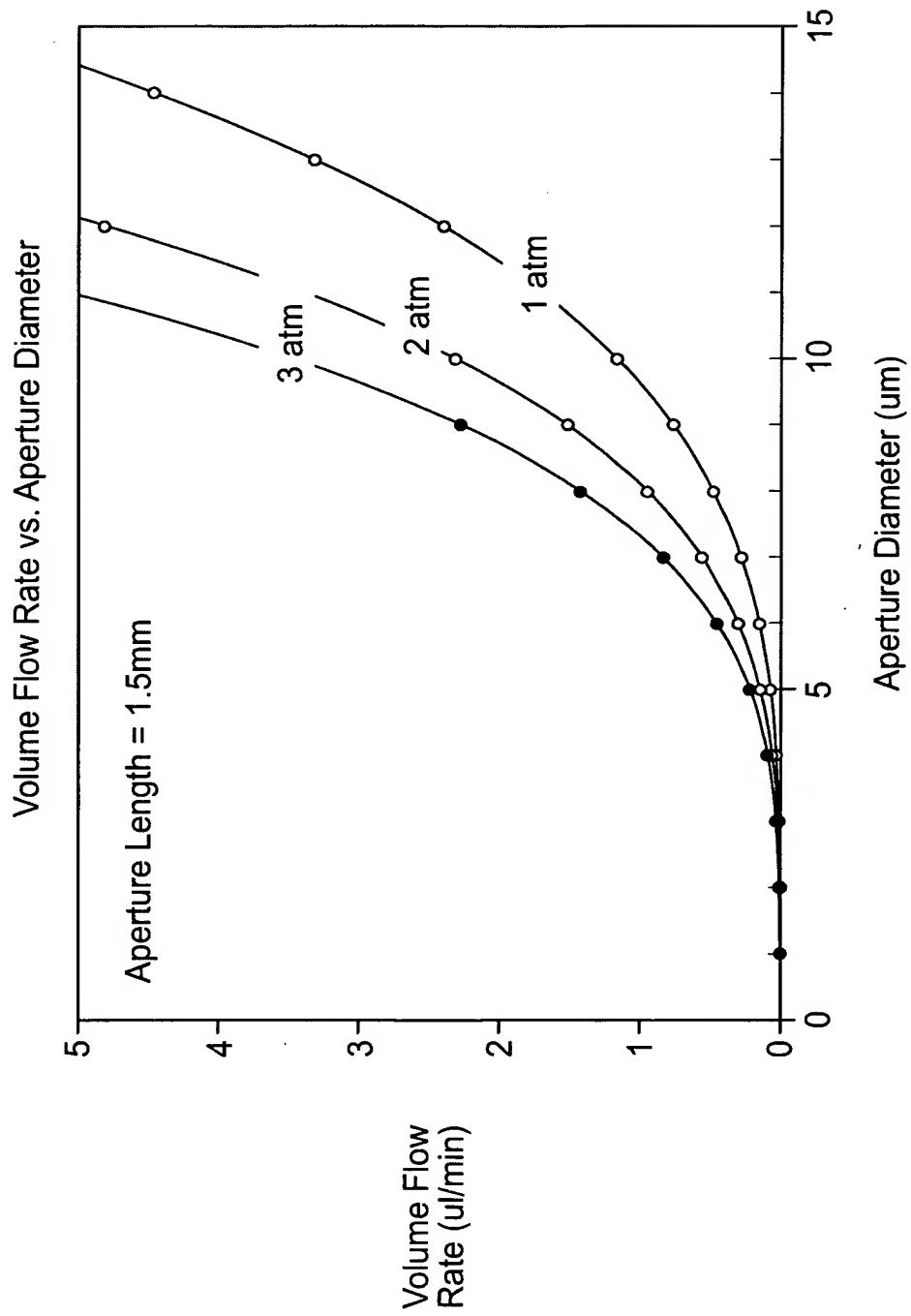


FIG. 7



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FIG. 8



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FIG. 9A

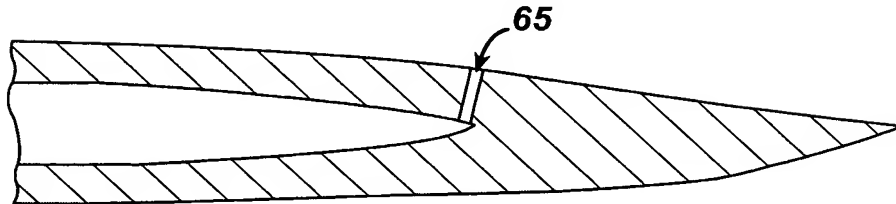


FIG. 9B

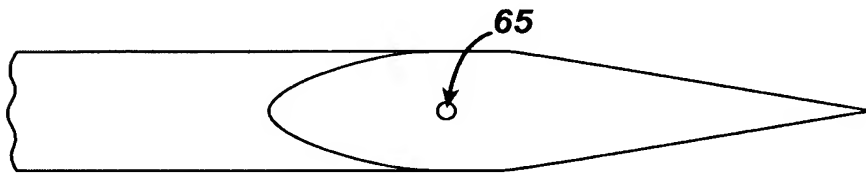


FIG. 9C

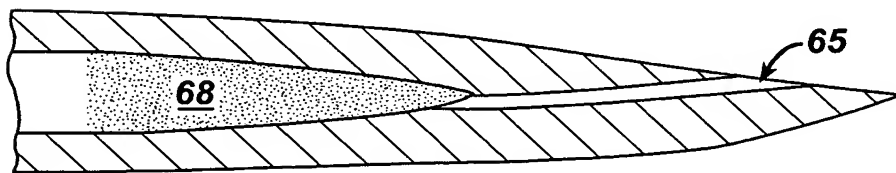


FIG. 9D



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FIG. 9E

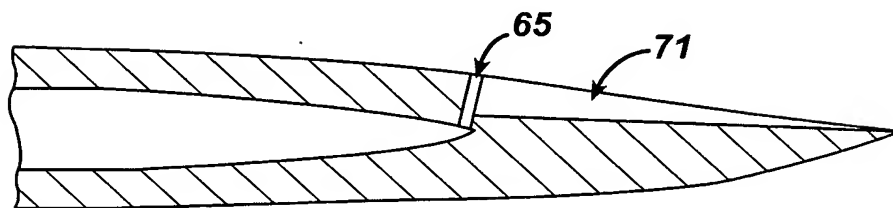
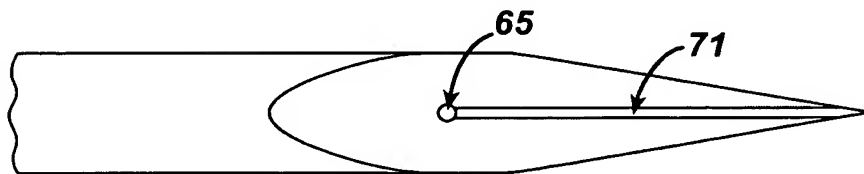


FIG. 9F



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FIG. 10A

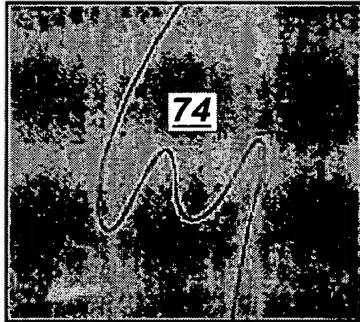


FIG. 10D

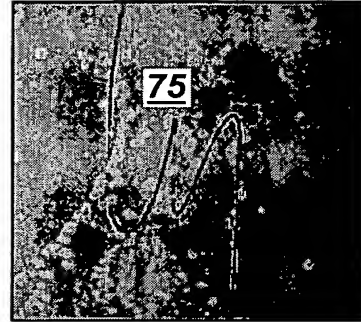


FIG. 10B



FIG. 10E

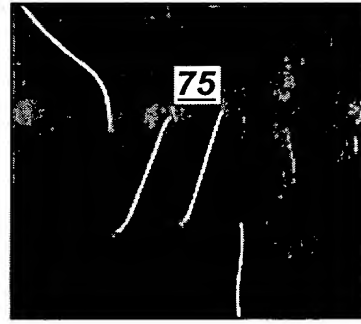


FIG. 10C

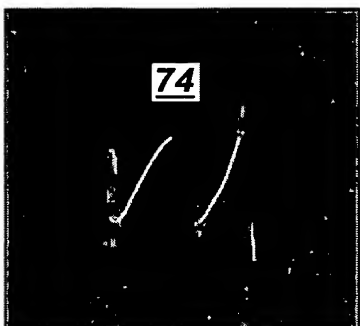
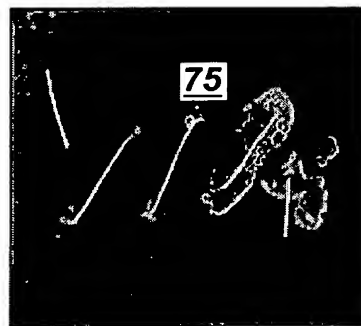


FIG. 10F



Active Needle

Control